证书 CN20/31964.05

旭丽电子(东莞)有限公司

统一社会信用代码 91441900714806292Y

注册地址：中国广东省东莞市石碣镇科技中路
经营地址：中国广东省东莞市石碣镇科技中路

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

键盘和鼠标的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
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电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
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Certificate CN20/31964.05

Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900714806292Y
Business Registration Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China
Business Operation Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China
has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of keyboards and mice involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

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The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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证书 CN20/31964.05 附件

旭丽电子(东莞)有限公司

统一社会信用代码 91441900714806292Y
中国广东省东莞市石碣镇科技中路

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 26 日-28 日	2020 年 10 月-2021 年 06 月 0.0066 吨标准煤/万元 键盘 0.1440 吨标准煤/万台 鼠标 0.3338 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0058 吨标准煤/万元 键盘 0.1424 吨标准煤/万台 鼠标 0.3612 吨标准煤/万台	位于中国广东省东莞市石碣镇科技中路的旭丽电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，键盘产量为 3497.1088 (万台) 2020 年 10 月-2021 年 06 月，鼠标产量为 2296.6896 (万台) 2021 年 07 月-2022 年 06 月，键盘产量为 4500.5587 (万台) 2021 年 07 月-2022 年 06 月，鼠标产量为 2825.7284 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.05

Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900714806292Y
Middle Science and Technology Road, Shijie Town,
Dongguan City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 26-28 Sep 2022	From Oct 2020 to Jun 2021 0.0066 tce/ten thousand yuan keyboards 0.1440 tce/10K units mice 0.3338 tce/10K units From Jul 2021 to Jun 2022 0.0058 tce/ten thousand yuan keyboards 0.1424 tce/10K units mice 0.3612 tce/10K units	Silitek Electronics (Dong Guan) Co., Ltd. located in Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of keyboards is 3497.1088 (10K units) From Oct 2020 to Jun 2021, the production quantity of mice is 2296.6896 (10K units) From Jul 2021 to Jun 2022, the production quantity of keyboards is 4500.5587 (10K units) From Jul 2021 to Jun 2022, the production quantity of mice is 2825.7284 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964

下述组织

光宝电子(东莞)有限公司

统一社会信用代码 91441900708010423L

注册地址：中国广东省东莞市长安镇上角村
经营地址：中国广东省东莞市长安镇上角振安西路 299 号的主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

以电力为主要能源，电源供应器的生产经营过程中涉及到的能源采购、接收、贮存、加工转换、输送、使用等相关的能源管理活动及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2020 年 12 月 10 日至 2023 年 12 月 09 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

签署

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光宝电子(东莞)有限公司

统一社会信用代码 91441900708010423L

中国广东省东莞市长安镇上角振安西路 299 号的主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次审核 2020 年 11 月 16~18 日	2019 年 02 月-2020 年 01 月 单位产品能耗：0.5087 tce/万台 单位产值能耗：0.01 tce/10K￥RMB 2020 年 02 月-2020 年 09 月 单位产品能耗：0.6566 tce/万台 单位产值能耗：0.01105 tce/10K￥RMB	2019 年 02 月-2020 年 01 月产量 电源供应器：7895 (万台) 2020 年 02 月-2020 年 09 月产量 电源供应器：4543 (万台) 边界： 位于中国广东省东莞市长安镇上角振安西路 299 号的主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间的光宝电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、组装测试、老化测试、包装等生产过程和配电系统、压缩空气系统、中央空调系统、废气处理系统和生活系统辅助过程。
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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证书 CN20/31826

下述组织

光宝电源科技(东莞)有限公司

统一社会信用代码 914419005701041006

注册地址：中国广东省东莞市长安镇上角社区振安路上角段 1 号
经营地址：中国广东省东莞市长安镇上角振安西路 299 号
主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，
二楼 STB 车间，三楼 E 车间和 PSS 车间

的管理体系已经过审核，并被证明符合下述要求

ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

以电力为主要能源，电源供应器的生产经营过程中涉及到的能源采购、接收、贮存、加工转换、输送、使用等相关的能源管理活动及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2020 年 11 月 26 日至 2023 年 11 月 25 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 11 月 26 日

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证书 CN20/31826 附件

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ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次审核 2020 年 11 月 16-18 日	2019 年 2 月-2020 年 1 月 万元产值能耗： 0.010064 吨标煤/万元 单位产品产量能耗： 0.475808 吨标煤/万台 2020 年 2 月-2020 年 9 月 万元产值能耗： 0.010739 吨标煤/万元 单位产品产量能耗： 0.656394 吨标煤/万台	2019 年 2 月-2020 年 1 月 电源供应器：3617 万台 2020 年 2 月-2020 年 9 月 电源供应器：1947 万台 边界： 位于中国广东省东莞市长安镇上角振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间的光宝电源科技(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、组装测试、老化测试、包装等生产过程和配电系统、压缩空气系统、中央空调系统、废气处理系统和生活系统辅助过程。
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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证书 CN20/31964

下述组织

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光宝电源科技(东莞)有限公司
光宝电子(广州)有限公司
光宝科技(常州)有限公司
旭丽电子(东莞)有限公司

统一社会信用代码 91441900708010423L

注册地址：中国广东省东莞市长安镇长安振安西路 299 号

经营地址：中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

证书的注册范围显示在第二页上

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日

并须经过符合要求的监督审核保持有效

持续认证至少在证书失效前 60 天执行

版本号 3.初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书

主证书编号为 CN20/31964

该证书为多地址证书，其他具体地址在后续页上列出

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电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com

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GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

版本号 3.

认证范围

电源供应器、计算机机箱、打印机、摄像模组、无线网卡、键盘和鼠标的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

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附属机构

光宝电源科技(东莞)有限公司

注册地址：中国广东省东莞市长安镇长安振安西路 299 号
经营地址：中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间

光宝电子(广州)有限公司

注册地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号
经营地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

光宝科技(常州)有限公司

注册地址：武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)
经营地址：中国江苏省常州市武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)

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经营地址：中国广东省东莞市石碣镇科技中路

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Certificate CN20/31964

The management system of

Lite-On Electronics (Dongguan) Co., Ltd.
Lite-On Power Technology (Dongguan) Co., Ltd.
Lite-On Electronics (Guangzhou) Co., Ltd.
Lite-On Technology (Changzhou) Co., Ltd.
Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900708010423L

Business Registration Address: No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

Business Operation Address: O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

has been assessed and certified as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

The scope of this certification appears on page 2 of this certificate.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

This certificate is valid from 09 October 2022 until 08 October 2025 and remains valid subject to satisfactory surveillance audits.

Re certification audit due a minimum of 60 days before the expiration date

Issue 3. Certified since 10 December 2020

Multiple certificates have been issued for this scope

The main certificate is numbered CN20/31964

This is a multi-site certification

Additional site details are listed on subsequent pages

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
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The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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Certificate CN20/31964

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 3.

For the following activities

Manufacture of power supplies, computer chassis, printers, camera modules, wireless cards, keyboards, and mice, involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

Additional facilities

Lite-On Power Technology (Dongguan) Co., Ltd.

Business Registration Address: No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

Business Operation Address: G, A2, AI/RI Workshop and laboratory on the first floor, STB Workshop on the second floor, E workshop and PSS Workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

Lite-On Electronics (Guangzhou) Co., Ltd.

Business Registration Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

Business Operation Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

Lite-On Technology (Changzhou) Co., Ltd.

Business Registration Address: (Wujin Comprehensive Bonded Zone) No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone

iness Operation Address: (Wujin Comprehensive Bonded Zone) No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. China

Silitek Electronics (Dong Guan) Co., Ltd.

Business Registration Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China

Business Operation Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China

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证书 CN20/31964 附件

光宝电子(东莞)有限公司
光宝电源科技(东莞)有限公司
光宝电子(广州)有限公司
光宝科技(常州)有限公司
旭丽电子(东莞)有限公司

统一社会信用代码 91441900708010423L

中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 3

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证场所 1 (总部): 2022 年 9 月 8 日-9 日 分场所 2: 2022 年 9 月 5 日-7 日 分场所 3: 2022 年 9 月 13 日-16 日 分场所 4: 2022 年 9 月 19 日-20 日 分场所 5: 2022 年 9 月 26 日-28 日	2020 年 10 月-2021 年 06 月 0.0080 吨标准煤/万元 电源供应器 0.4338 吨标准煤/万台 计算机机箱 0.7520 吨标准煤/万台 打印机 5.3695 吨标准煤/万台 摄像模组 1.8948 吨标准煤/万台 无线网卡 0.1776 吨标准煤/万台 键盘 0.1953 吨标准煤/万台 鼠标 0.3338 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0079 吨标准煤/万元 电源供应器 0.5259 吨标准煤/吨 计算机机箱 0.7195 吨标准煤/万台 打印机 2.7272 吨标准煤/万台 摄像模组 1.7887 吨标准煤/万台 无线网卡 0.2434 吨标准煤/万台 键盘 0.1915 吨标准煤/万台 鼠标 0.3612 吨标准煤/万台	位于中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间的光宝电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 位于中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间的光宝电源科技(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 位于中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号的光宝电子(广州)有限公司，主要用能过程包括冲压、注塑、烤漆、SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 位于中国江苏省常州市武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)的光宝科技(常州)有限公司，主要用能过程包括喷漆、烘烤、SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 位于中国广东省东莞市石碣镇科技中路的旭丽电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 15115.0034 (万台) 2020 年 10 月-2021 年 06 月，计算机机箱产量为 2834.2364 (万台) 2020 年 10 月-2021 年 06 月，打印机产量为 189.971 (万台) 2020 年 10 月-2021 年 06 月，摄像模组产量为 277.3464 (万台) 2020 年 10 月-2021 年 06 月，无线网卡产量为 4167 (万台) 2020 年 10 月-2021 年 06 月，键盘产量为 4966.1088 (万台) 2020 年 10 月-2021 年 06 月，鼠标产量为 2296.6896 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 18473.1679 (万台) 2021 年 07 月-2022 年 06 月，计算机机箱产量为 3773.815 (万台) 2021 年 07 月-2022 年 06 月，打印机产量为 386.871 (万台) 2021 年 07 月-2022 年 06 月，摄像模组产量为 352.0881 (万台) 2021 年 07 月-2022 年 06 月，无线网卡产量为 4383 (万台) 2021 年 07 月-2022 年 06 月，键盘产量为 6737.5587 (万台) 2021 年 07 月-2022 年 06 月，鼠标产量为 2825.7284 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964

Lite-On Electronics (Dongguan) Co., Ltd.
Lite-On Power Technology (Dongguan) Co., Ltd.
Lite-On Electronics (Guangzhou) Co., Ltd.
Lite-On Technology (Changzhou) Co., Ltd.
Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900708010423L

O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

Issue 3

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal Site1 (Head office): 8-9 Sep 2022 Site2: 5-7 Sep 2022 Site3: 13-16 Sep 2022 Site4: 19-20 Sep 2022 Site5: 26-28 Sep 2022	From Oct 2020 to Jun 2021 0.0080 tce/ten thousand yuan power supply 0.4338 tce/10K units computer chassis 0.7520 tce/10K units printers 5.3695 tce/10K units camera modules 1.8948 tce/10K units wireless cards 0.1776 tce/10K units keyboards 0.1953 tce/10K units mice 0.3338 tce/10K units From Jul 2021 to Jun 2022 0.0079 tce/ten thousand yuan power supply 0.5259 tce/10K units computer chassis 0.7195 tce/10K units printers 2.7272 tce/10K units camera modules 1.7887 tce/10K units wireless cards 0.2434 tce/10K units keyboards 0.1915 tce/10K units mice 0.3612 tce/10K units	Lite-On Electronics (Dongguan) Co., Ltd. located in O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. Lite-On Power Technology (Dongguan) Co., Ltd. located in G, A2, AI/RI Workshop and laboratory on the first floor, STB Workshop on the second floor, E workshop and PSS Workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. Lite-On Electronics (Guangzhou) Co., Ltd. located in No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as stamping, injection molding, baking paint, SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. Lite-On Technology (Changzhou) Co., Ltd. located in (Wujin Comprehensive Bonded Zone) No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. China. The main energy consumption processes include the main production systems such as paint, bake, SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. Silitek Electronics (Dong Guan) Co., Ltd. located in Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment.

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The Appendix of Certificate CN20/31964

Lite-On Electronics (Dongguan) Co., Ltd.
Lite-On Power Technology (Dongguan) Co., Ltd.
Lite-On Electronics (Guangzhou) Co., Ltd.
Lite-On Technology (Changzhou) Co., Ltd.
Silitek Electronics (Dong Guan) Co., Ltd.

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

Issue 3

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
		From Oct 2020 to Jun 2021, the production quantity of power supply is 15115.0034 (10K units) From Oct 2020 to Jun 2021, the production quantity of computer chassis is 2834.2364 (10K units) From Oct 2020 to Jun 2021, the production quantity of printers is 189.971 (10K units) From Oct 2020 to Jun 2021, the production quantity of camera modules is 277.3464 (10K units) From Oct 2020 to Jun 2021, the production quantity of wireless cards is 4167 (10K units) From Oct 2020 to Jun 2021, the production quantity of keyboards is 4966.1088 (10K units) From Oct 2020 to Jun 2021, the production quantity of mice is 2296.6896 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 18473.1679 (10K units) From Jul 2021 to Jun 2022, the production quantity of computer chassis is 3773.815 (10K units) From Jul 2021 to Jun 2022, the production quantity of printers is 386.871 (10K units) From Jul 2021 to Jun 2022, the production quantity of camera modules is 352.0881 (10K units) From Jul 2021 to Jun 2022, the production quantity of wireless cards is 4383 (10K units) From Jul 2021 to Jun 2022, the production quantity of keyboards is 6737.5587 (10K units) From Jul 2021 to Jun 2022, the production quantity of mice is 2825.7284 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964.01

光宝电子(东莞)有限公司

统一社会信用代码 91441900708010423L

注册地址：中国广东省东莞市长安镇长安振安西路 299 号
经营地址：中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

电源供应器的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

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Certificate CN20/31964.01

Lite-On Electronics (Dongguan) Co., Ltd.

Unified Social Credit Code 91441900708010423L
Business Registration Address: No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China
Business Operation Address: O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of power supplies, involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025 and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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证书 CN20/31964.01 附件

光宝电子(东莞)有限公司

统一社会信用代码 91441900708010423L
中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 8 日-9 日	2020 年 10 月-2021 年 06 月 0.0094 吨标准煤/万元 电源供应器 0.4248 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.01000 吨标准煤/万元 电源供应器 0.4953 吨标准煤/吨	位于中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 O、A1、AI/RI 车间、PMS DQE 实验室，二楼 M、P、PNT、O、DZ、R 车间，三楼 DT 车间的光宝电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 7423.33 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 8959.30 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.01

Lite-On Electronics (Dongguan) Co., Ltd.

Unified Social Credit Code 91441900708010423L
O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 8-9 Sep 2022	From Oct 2020 to Jun 2021 0.0094 tce/ten thousand yuan power supply 0.4248 tce/10K units From Jul 2021 to Jun 2022 0.0100 tce/ten thousand yuan power supply 0.4953 tce/10K units	Lite-On Electronics (Dongguan) Co., Ltd. located in O, A1, AI/RI workshop, PMS DQE laboratory on the first floor, M, P, PNT, O, DZ, R workshop on the second floor, DT workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of power supply is 7423.33 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 8959.30 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964.02

光宝电源科技(东莞)有限公司

统一社会信用代码 914419005701041006

注册地址：中国广东省东莞市长安镇长安振安西路 299 号
经营地址：中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

电源供应器的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

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Certificate CN20/31964.02

Lite-On Power Technology (Dongguan) Co., Ltd.

Unified Social Credit Code 91441900570104100 6
Business Registration Address: No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China
Business Operation Address: G, A2, AI/RI Workshop and laboratory on the first floor, STB Workshop on the second floor, E workshop and PSS Workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of power supplies, involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025 and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com

The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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证书 CN20/31964.02 附件

光宝电源科技(东莞)有限公司

统一社会信用代码 914419005701041006
中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 5 日-7 日	2020 年 10 月-2021 年 06 月 0.0073 吨标准煤/万元 电源供应器 2.2438 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0069 吨标准煤/万元 电源供应器 2.8821 吨标准煤/吨	位于中国广东省东莞市长安镇长安振安西路 299 号主厂房 1 栋一楼 G、A2、AI/RI 车间和实验室，二楼 STB 车间，三楼 E 车间和 PSS 车间的光宝电源科技(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 593.51 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 750.7 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.02

Lite-On Power Technology (Dongguan) Co., Ltd.

Unified Social Credit Code 914419005701041006
G, A2, AI/RI Workshop and laboratory on the first floor, STB Workshop on the second floor, E workshop and PSS Workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 5-7 Sep 2022	From Oct 2020 to Jun 2021 0.0073 tce/ten thousand yuan power supply 2.2438 tce/10K units From Jul 2021 to Jun 2022 0.0069 tce/ten thousand yuan power supply 2.8821 tce/10K units	Lite-On Power Technology (Dongguan) Co., Ltd. located in G, A2, AI/RI Workshop and laboratory on the first floor, STB Workshop on the second floor, E workshop and PSS Workshop on the third floor, Building 1, No. 299 Zhen'an West Road, Chang'an, Chang'an Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of power supply is 593.51 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 750.7 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964.03

光宝电子(广州)有限公司

统一社会信用代码 914401017243179191

注册地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

经营地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

电源供应器、计算机机箱、打印机和摄像模组的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
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Certificate CN20/31964.03

Lite-On Electronics (Guangzhou) Co., Ltd.

Unified Social Credit Code 914401017243179191
Business Registration Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China
Business Operation Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of power supplies, computer chassis, printers, and camera modules involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

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16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com
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光宝电子(广州)有限公司

统一社会信用代码 914401017243179191
中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 13 日-16 日	2020 年 10 月-2021 年 06 月 0.0126 吨标准煤/万元 电源供应器 1.6865 吨标准煤/万台 计算机机箱 0.7520 吨标准煤/万台 打印机 5.3695 吨标准煤/万台 摄像模组 1.8948 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0120 吨标准煤/万元 电源供应器 2.1517 吨标准煤/吨 计算机机箱 0.7195 吨标准煤/万台 打印机 2.7272 吨标准煤/万台 摄像模组 1.7887 吨标准煤/万台	位于中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号的光宝电子(广州)有限公司，主要用能过程包括冲压、注塑、烤漆、SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 748.1634 (万台) 2020 年 10 月-2021 年 06 月，计算机机箱产量为 2834.2364 (万台) 2020 年 10 月-2021 年 06 月，打印机产量为 189.971 (万台) 2020 年 10 月-2021 年 06 月，摄像模组产量为 277.3464 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 939.1679 (万台) 2021 年 07 月-2022 年 06 月，计算机机箱产量为 3773.815 (万台) 2021 年 07 月-2022 年 06 月，打印机产量为 386.871 (万台) 2021 年 07 月-2022 年 06 月，摄像模组产量为 352.0881 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.03

Lite-On Electronics (Guangzhou) Co., Ltd.

Unified Social Credit Code 914401017243179191
No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 13-16 Sep 2022	From Oct 2020 to Jun 2021 0.0126 tce/ten thousand yuan power supply 1.6865 tce/10K units computer chassis 0.7520 tce/10K units printers 5.3695 tce/10K units camera modules 1.8948 tce/10K units From Jul 2021 to Jun 2022 0.0120 tce/ten thousand yuan power supply 2.1517 tce/10K units computer chassis 0.7195 tce/10K units printers 2.7272 tce/10K units camera modules 1.7887 tce/10K units	Lite-On Electronics (Guangzhou) Co., Ltd. located in No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as stamping, injection molding, baking paint, SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of power supply is 748.1634 (10K units) From Oct 2020 to Jun 2021, the production quantity of computer chassis is 2834.2364 (10K units) From Oct 2020 to Jun 2021, the production quantity of printers is 189.971 (10K units) From Oct 2020 to Jun 2021, the production quantity of camera modules is 277.3464 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 939.1679 (10K units) From Jul 2021 to Jun 2022, the production quantity of computer chassis is 3773.815 (10K units) From Jul 2021 to Jun 2022, the production quantity of printers is 386.871 (10K units) From Jul 2021 to Jun 2022, the production quantity of camera modules is 352.0881 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964.04

光宝科技(常州)有限公司

统一社会信用代码 91320412692144426X

注册地址：武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)

经营地址：中国江苏省常州市武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

电源供应器、无线网卡和键盘的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
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Certificate CN20/31964.04

Lite-On Technology (Changzhou) Co., Ltd.

Unified Social Credit Code 91320412692144426X
Business Registration Address: (Wujin Comprehensive Bonded Zone)
No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone
Business Operation Address: (Wujin Comprehensive Bonded Zone)
No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone,
Changzhou City, Jiangsu Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of power supplies, wireless network cards and keyboards involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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证书 CN20/31964.04 附件

光宝科技(常州)有限公司

统一社会信用代码 91320412692144426X
中国江苏省常州市武进国家高新技术产业开发区阳湖路 88 号
(武进综合保税区)

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 19 日-20 日	2020 年 10 月-2021 年 06 月 0.0043 吨标准煤/万元 电源供应器 0.1275 吨标准煤/万台 无线网卡 0.1776 吨标准煤/万台 键盘 0.3174 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0044 吨标准煤/万元 电源供应器 0.1399 吨标准煤/吨 无线网卡 0.2434 吨标准煤/万台 键盘 0.2903 吨标准煤/万台	位于中国江苏省常州市武进国家高新技术产业开发区阳湖路 88 号(武进综合保税区)的光宝科技(常州)有限公司，主要用能过程包括喷漆、烘烤、SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 6350 (万台) 2020 年 10 月-2021 年 06 月，无线网卡产量为 4167 (万台) 2020 年 10 月-2021 年 06 月，键盘产量为 1469 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 7824 (万台) 2021 年 07 月-2022 年 06 月，无线网卡产量为 4383 (万台) 2021 年 07 月-2022 年 06 月，键盘产量为 2237 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.04

Lite-On Technology (Changzhou) Co., Ltd.

Unified Social Credit Code 91320412692144426X
(Wujin Comprehensive Bonded Zone) No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 19-20 Sep 2022	From Oct 2020 to Jun 2021 0.0043 tce/ten thousand yuan power supply 0.1275 tce/10K units wireless cards 0.1776 tce/10K units keyboards 0.3174 tce/10K units From Jul 2021 to Jun 2022 0.0044 tce/ten thousand yuan power supply 0.1399 tce/10K units wireless cards 0.2434 tce/10K units keyboards 0.2903 tce/10K units	Lite-On Technology (Changzhou) Co., Ltd. located in (Wujin Comprehensive Bonded Zone) No. 88, Yanghu Road, Wujin National High-tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. China. The main energy consumption processes include the main production systems such as paint, bake, SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of power supply is 6350 (10K units) From Oct 2020 to Jun 2021, the production quantity of wireless cards is 4167 (10K units) From Oct 2020 to Jun 2021, the production quantity of keyboards is 1469 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 7824 (10K units) From Jul 2021 to Jun 2022, the production quantity of wireless cards is 4383 (10K units) From Jul 2021 to Jun 2022, the production quantity of keyboards is 2237 (10K units)
1st Sur		
2nd Sur		

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证书 CN20/31964.05

旭丽电子(东莞)有限公司

统一社会信用代码 91441900714806292Y

注册地址：中国广东省东莞市石碣镇科技中路
经营地址：中国广东省东莞市石碣镇科技中路

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

键盘和鼠标的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用。

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
电话: +86 (0)10 6845-6699 传真: +86 (0)10 6845-8121 www.sgs.com
本证书信息可在国家认证认可监督管理委员会公示的网站 www.cnca.gov.cn 上查询

本文件是真实的电子版证书，仅供客户用于其商业用途。客户可自行打印，视同副本。本文件根据 Terms and Conditions | SGS 中认证服务通用条款的要求颁发。提请注意其中已包含的责任范围、赔偿和司法管辖事项。本文件受 SGS 版权保护，任何未经授权的对此文件的内容或外观的变更、伪造或篡改皆属非法。

Certificate CN20/31964.05

Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900714806292Y
Business Registration Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China
Business Operation Address: Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China
has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of keyboards and mice involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
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证书 CN20/31964.05 附件

旭丽电子(东莞)有限公司

统一社会信用代码 91441900714806292Y
中国广东省东莞市石碣镇科技中路

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 26 日-28 日	2020 年 10 月-2021 年 06 月 0.0066 吨标准煤/万元 键盘 0.1440 吨标准煤/万台 鼠标 0.3338 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0058 吨标准煤/万元 键盘 0.1424 吨标准煤/万台 鼠标 0.3612 吨标准煤/万台	位于中国广东省东莞市石碣镇科技中路的旭丽电子(东莞)有限公司，主要用能过程包括 SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，键盘产量为 3497.1088 (万台) 2020 年 10 月-2021 年 06 月，鼠标产量为 2296.6896 (万台) 2021 年 07 月-2022 年 06 月，键盘产量为 4500.5587 (万台) 2021 年 07 月-2022 年 06 月，鼠标产量为 2825.7284 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.05

Silitek Electronics (Dong Guan) Co., Ltd.

Unified Social Credit Code 91441900714806292Y
Middle Science and Technology Road, Shijie Town,
Dongguan City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 26-28 Sep 2022	From Oct 2020 to Jun 2021 0.0066 tce/ten thousand yuan keyboards 0.1440 tce/10K units mice 0.3338 tce/10K units From Jul 2021 to Jun 2022 0.0058 tce/ten thousand yuan keyboards 0.1424 tce/10K units mice 0.3612 tce/10K units	Silitek Electronics (Dong Guan) Co., Ltd. located in Middle Science and Technology Road, Shijie Town, Dongguan City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of keyboards is 3497.1088 (10K units) From Oct 2020 to Jun 2021, the production quantity of mice is 2296.6896 (10K units) From Jul 2021 to Jun 2022, the production quantity of keyboards is 4500.5587 (10K units) From Jul 2021 to Jun 2022, the production quantity of mice is 2825.7284 (10K units)
1st Sur		
2nd Sur		

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中经认证

注册号：04423En0006R0L

能源管理体系认证证书

兹 证 明

光宝光电（常州）有限公司

统一社会信用代码：91320000695456097l

注册地址：武进国家高新技术产业开发区阳湖路 88 号（武进综合保税区）

审核地址：江苏省常州市武进国家高新技术产业开发区阳湖路 88 号

能源管理体系符合

GB/T 23331-2020/ISO 50001:2018；
RB/T 101-2013 标准

该体系覆盖范围

光电半导体元器件产品生产过程
所涉及的能源管理活动(能源管理活动包括
能源采购、储存、加工转换、输送分配、最终使用）

（获证组织审核统计期内的能源种类、能源绩效、能源绩效核算边界见标有相同证书注册号的证书附件，证书附件是本证书组成部分，有关本证书多场所范围的细节见附件，本证书与附件一并使用方为有效）

（未纳入认证范围的多场所不得使用认证证书和认证标志）

颁证日期：2023 年 01 月 30 日　　有效期至：2026 年 01 月 29 日

北京中经科环质量认证有限公司　　总经理：

公众号　　证书查询

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2. 同时可登陆 www.zjqc.com 查询
3. 也可登陆国家认证认可监督管理委员会官方网站 www.cnca.gov.cn 查询
4. 获证组织必须定期接受监督审核并经审核合格此证书方继续有效

Certificate CN20/21172

The management system of

Lite-on Technology (Changzhou) Co. Ltd.

Unified Social Credit Code 91320412692144426X

Business Registration Address: (Export Processing Zones) No. 88, Yanghu Road, Wujin Hi-Tech Industrial Development Zone, P.R. China
Business Operation Address: Plant A3 and A6, No. 88, Yanghu Road, Wujin Hi-Tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. CHINA

has been assessed and certified as meeting the requirements of

ISO 50001:2018
RB/T 101-2013

For the following activities

Energy management activity and energy saving technology application related to energy purchasing, energy acceptance, energy storage, energy processing and transferring, energy delivery, energy utilization during manufacture of power supply products, power chargers and electromagnetic transformers

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate.

This certificate is valid from 04 September 2020until 03 September 2023
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 04 September 2020.

Authorized by

SGS-CSTC Standards Technical Service Co., Ltd.
A-16F,Century YuHui Mansion, No.73, Fucheng Road, Beijing, China
Phone +86 (0)10 6845-6699 - Fax +86 (0)10 6845-8121 www.sgs.com

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Lite-on Technology (Changzhou) Co. Ltd.

Unified Social Credit Code 91320412692144426X
Plant A3 and A6, No. 88, Yanghu Road, Wujin Hi-Tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. CHINA

ISO 50001:2018
RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Main audit Aug. 19-22, 2020	Jan. 2019 - Dec. 2019 0.0073 tce/10k RMB Power supply products: 0.2748 tce/10Kpcs Power chargers: 0.2369 tce/10Kpcs Electromagnetic transformers: 0.1594 tce/10Kpcs Jan. 2020 - Jul. 2020 0.0061 tce/10k RMB Power supply products: 0.2624 tce/10Kpcs Power chargers: 0.2978 tce/10Kpcs Electromagnetic transformers: 0.1750 tce/10Kpcs	The factories located in Plant A3 and A6, No. 88, Yanghu Road, Wujin Hi-Tech Industrial Development Zone, Changzhou City, Jiangsu Province, P.R. CHINA, main energy consumption process includes mounting, hand & auto insertion, soldering, wire wrapping, impregnation, bake, assembling, test and auxiliary process including air conditioning system, power supply and distribution system and air compressing system Production from Jan. 2019 to Dec. 2019: Power supply products: 64,902,410 pcs Power chargers: 26,895,277 pcs Electromagnetic transformers: 26,676,796 pcs Production from Jan. 2020 to Jul. 2020: Power supply products: 39,180,926 pcs Power chargers: 9,654,000 pcs Electromagnetic transformers: 9,969,790 pcs
1st Sur		
2nd Sur		

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证书 CN20/21172 附件

光宝科技(常州)有限公司

统一社会信用代码 91320412692144426X
中国江苏省常州市武进高新技术产业开发区阳湖路 88 号 A3 和 A6 工厂

ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
初次认证 2020 年 8 月 19-22 日	2019 年 1 月-2019 年 12 月 0.0073 吨标准煤/万元 电源供应器：0.2748 吨标煤/万个 电源充电器：0.2369 吨标煤/万个 电磁变压器：0.1594 吨标煤/万个 2020 年 1 月-2020 年 7 月 0.0061 吨标准煤/万元 电源供应器：0.2624 吨标煤/万个 电源充电器：0.2978 吨标煤/万个 电磁变压器：0.1750 吨标煤/万个	位于中国江苏省常州市武进高新技术产业开发区阳湖路 88 号的 A3 和 A6 工厂，主要用能过程包括贴片、插件、焊接、绕线、含浸、烘烤、组装、测试等生产过程及空调系统、供配电系统和空压系统等辅助过程 2019 年 1 月-2019 年 12 月产量： 电源供应器：64,902,410 个 电源充电器：26,895,277 个 电磁变压器：26,676,796 个 2020 年 1 月-2020 年 7 月产量： 电源供应器：39,180,926 个 电源充电器：9,654,000 个 电磁变压器：9,969,790 个
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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中的认证服务通用条款颁发，本证书信息可在 SGS 官方网站
http://www.sgs.com/clients/certified_clients.htm 以及国家认证认可
监督管理委员会公示的网站 www.cnca.gov.cn 上查询。
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伪造或篡改皆属非法，违法者将会被依法追诉。

证书 CN20/21172

下述组织

光宝科技(常州)有限公司

统一社会信用代码 91320412692144426X

注册地址：中国武进高新技术产业开发区阳湖路 88 号(出口加工区)
经营地址：中国江苏省常州市武进高新技术产业开发区
阳湖路 88 号 A3 和 A6 工厂

的管理体系已经过审核, 并被证明符合下述要求

ISO 50001:2018
RB/T 101-2013

所涉及的活动范围覆盖

电源供应器、电源充电器和电磁变压器的制造过程中涉及到的能源采购、接收/贮存、加工转换、输配、使用等过程的管理及节能技术的应用

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2020 年 09 月 04 日至 2023 年 09 月 03 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 09 月 04 日

签署

通标标准技术服务有限公司
中国北京市阜成路 73 号世纪裕惠大厦 16 层 100142
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证书 CN20/31964.03

光宝电子(广州)有限公司

统一社会信用代码 914401017243179191

注册地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

经营地址：中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

依据主证书 CN20/31964 中规定的管理体系已经过审核，并被证明符合下述要求

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

所涉及的活动范围覆盖

电源供应器、计算机机箱、打印机和摄像模组的制造过程涉及到的能源采购、接收、贮存、加工转换、输配、使用、余热余能回收利用过程的管理及节能技术的应用

获证组织上年度和本年度的单位产品综合能耗和万元产值能耗及能耗核算边界见标有相同证书注册号的证书附件，证书附件是本证书的组成部分

该证书的有效期自 2022 年 10 月 09 日至 2025 年 10 月 08 日
并须经过符合要求的监督审核保持有效
持续认证至少在证书失效前 60 天执行
版本号 1. 初始注册日期 2020 年 12 月 10 日

在此范围内出具了多张证书
主证书编号为 CN20/31964
本证书的有效期取决于主证书的有效期

签署

通标标准技术服务有限公司
北京市阜成路 73 号世纪裕惠大厦 16 层 100142
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Certificate CN20/31964.03

Lite-On Electronics (Guangzhou) Co., Ltd.

Unified Social Credit Code 914401017243179191
Business Registration Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China
Business Operation Address: No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

has been assessed under the management system of the certified organisation defined in the main certificate CN20/31964 as meeting the requirements of

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

For the following activities

Manufacture of power supplies, computer chassis, printers, and camera modules involving management of energy procurement, receiving, storage, processing and conversion, transmission and distribution, use, waste heat and waste energy recycling and the utilization of energy-saving technologies.

For the detail information regarding boundaries and comprehensive energy consumption, please see the appendix with the same number of this certificate and it is the component of this certificate

This certificate is valid from 09 October 2022 until 08 October 2025
and remains valid subject to satisfactory surveillance audits.
Re certification audit due a minimum of 60 days before the expiration date
Issue 1. Certified since 10 December 2020
Multiple certificates have been issued for this scope
The main certificate is numbered CN20/31964
The validity of this certificate depends on the validity of the main certificate

Authorised by

SGS CSTC Standards Technical Services Co., Ltd.
16F Century YuHui Mansion, No. 73 Fucheng Road, Beijing, P.R. CHINA 100142
t +86 (0)10 6845-6699 f +86 (0)10 6845-8121 www.sgs.com
The certification information can be verified on the web site of Certification and Accreditation Administration of the People's Republic of China www.cnca.gov.cn

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光宝电子(广州)有限公司

统一社会信用代码 914401017243179191
中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号

GB/T 23331-2020/
ISO 50001:2018
RB/T 101-2013

版本号 1

获证组织能效指标及能耗核算边界

审核类型及时间	审核周期内单位产品/产值能耗	能耗核算边界
提前换证 2022 年 9 月 13 日-16 日	2020 年 10 月-2021 年 06 月 0.0126 吨标准煤/万元 电源供应器 1.6865 吨标准煤/万台 计算机机箱 0.7520 吨标准煤/万台 打印机 5.3695 吨标准煤/万台 摄像模组 1.8948 吨标准煤/万台 2021 年 07 月-2022 年 06 月 0.0120 吨标准煤/万元 电源供应器 2.1517 吨标准煤/吨 计算机机箱 0.7195 吨标准煤/万台 打印机 2.7272 吨标准煤/万台 摄像模组 1.7887 吨标准煤/万台	位于中国广东省广州市广州高新技术产业开发区科学城光谱西路 25 号的光宝电子(广州)有限公司，主要用能过程包括冲压、注塑、烤漆、SMT、手工插件、波峰焊、测试和包装等主要生产系统，以及空调、配电、照明、空压机、通风和废气处理等辅助生产系统。 2020 年 10 月-2021 年 06 月，电源供应器产量为 748.1634 (万台) 2020 年 10 月-2021 年 06 月，计算机机箱产量为 2834.2364 (万台) 2020 年 10 月-2021 年 06 月，打印机产量为 189.971 (万台) 2020 年 10 月-2021 年 06 月，摄像模组产量为 277.3464 (万台) 2021 年 07 月-2022 年 06 月，电源供应器产量为 939.1679 (万台) 2021 年 07 月-2022 年 06 月，计算机机箱产量为 3773.815 (万台) 2021 年 07 月-2022 年 06 月，打印机产量为 386.871 (万台) 2021 年 07 月-2022 年 06 月，摄像模组产量为 352.0881 (万台)
第 1 次监督 年 月 日		
第 2 次监督 年 月 日		

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The Appendix of Certificate CN20/31964.03

Lite-On Electronics (Guangzhou) Co., Ltd.

Unified Social Credit Code 914401017243179191
No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China

GB/T 23331-2020/ ISO 50001:2018 RB/T 101-2013

Issue 1

Organization's energy performance indicators and boundaries

Audit type and date	Energy consumption per unit product or unit output value during audit cycle	Boundaries
Early Renewal 13-16 Sep 2022	From Oct 2020 to Jun 2021 0.0126 tce/ten thousand yuan power supply 1.6865 tce/10K units computer chassis 0.7520 tce/10K units printers 5.3695 tce/10K units camera modules 1.8948 tce/10K units From Jul 2021 to Jun 2022 0.0120 tce/ten thousand yuan power supply 2.1517 tce/10K units computer chassis 0.7195 tce/10K units printers 2.7272 tce/10K units camera modules 1.7887 tce/10K units	Lite-On Electronics (Guangzhou) Co., Ltd. located in No. 25, Spectral West Road, Science City, Guangzhou High-tech Industrial Development Zone, Guangzhou City, Guangdong Province, P.R. China. The main energy consumption processes include the main production systems such as stamping, injection molding, baking paint, SMT, hand insertion, wave soldering, testing and packaging, the auxiliary production systems include air conditioning, power distribution, lighting, air compressor, ventilation and waste gas treatment. From Oct 2020 to Jun 2021, the production quantity of power supply is 748.1634 (10K units) From Oct 2020 to Jun 2021, the production quantity of computer chassis is 2834.2364 (10K units) From Oct 2020 to Jun 2021, the production quantity of printers is 189.971 (10K units) From Oct 2020 to Jun 2021, the production quantity of camera modules is 277.3464 (10K units) From Jul 2021 to Jun 2022, the production quantity of power supply is 939.1679 (10K units) From Jul 2021 to Jun 2022, the production quantity of computer chassis is 3773.815 (10K units) From Jul 2021 to Jun 2022, the production quantity of printers is 386.871 (10K units) From Jul 2021 to Jun 2022, the production quantity of camera modules is 352.0881 (10K units)
1st Sur		
2nd Sur		

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Certificate of Registration

ENERGY MANAGEMENT SYSTEM - ISO 50001:2018

This is to certify that: **LITE ON VIETNAM CO., LTD**
No. 149, Street 10, VSIP Hai Phong,
Lap Le Commune,
Thuy Nguyen District,
Hai Phong City,
Vietnam

Holds Certificate Number: **ENMS 772606**

and operates an Energy Management System which complies with the requirements of ISO 50001:2018 for the following scope:

Manufacture of printed circuit board assemblies (PCBA), scanner modules of multifunction laser printers, smart plug, Ethernet Switch, Wifi Router, Power Adapter for Laptop.

For and on behalf of BSI:

Michael Lam
Managing Director Assurance, APAC

Original Registration Date: **2022-07-29**
Latest Revision Date: **2022-08-24**

On behalf of BSI Vietnam:

Le Duyen Anh
Managing Director Vietnam

Effective Date: **2022-07-29**
Expiry Date: **2025-07-28**

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Further clarifications regarding the scope of this certificate and the applicability of ISO 50001:2018 requirements may be obtained by consulting the organization.
This certificate is valid only if provided original copies are in complete set.

Information and Contact: BSI, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP. Tel: + 44 845 080 9000.
BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
Contract Office: BSI Vietnam Headquarters - 15 Floor APC Tower, 518B Dien Bien Phu Street, Ward 21, Binh Thanh District, Ho Chi Minh City, Vietnam. Telephone: +84 (28) 38 200 066.
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